

THE KNOWN GEOGRAPHIC DISTRIBUTION OF THE MEMBERS OF THE
VERBENACEAE, AVICENNIACEAE, STILBACEAE, AND SYMPHOREMACEAE.
SUPPLEMENT 11

Harold N. Moldenke

Since the preparation of the tenth supplement to this list in March of this year almost 4400 additional specimens of these groups have been examined and annotated by me from the Museo Nacional at Rio de Janeiro, Estacion Experimental Agronomica at Santiago de las Vegas (Cuba), Royal Botanic Gardens at Kew, Museo de Historia Natural at Montevideo, Naturhistoriska Riksmuseet at Stockholm, Trinidad and Tobago Botanical Garden at Port-of-Spain (Trinidad), Facultad Nacional de Agronomia at Medellin (Colombia), Museo Comercial de Venezuela at Caracas, Academia de Ciencias at Havana, Colegio Salesiano at Lima, Colegio Notra Señora de la Caridad at Santiago de Cuba, Museo de Historia Natural at Santiago (Chile), Colegio Anchieta at Porto Alegre (Brazil), and Facultad de Farmacia e Odontologia at São Paulo, as well as from the herbaria of Oberlin College at Oberlin (Ohio), the Alan Hancock Foundation of the University of Southern California at Los Angeles, Canal Zone Biological Area on Barro Colorado Island (Canal Zone), Instituto Botanico at São Paulo, University of Georgia at Athens, University of Massachusetts at Amherst, Parque Nacional da Serra dos Orgãos at Teresopolis (Brazil), and the College of Pharmacy at New York City, and from the Government Herbarium at Salisbury (Southern Rhodesia), Fritz Lemperg Herbarium at Hatzendorf (Austria), E. Matuda Herbarium at Escuintla (Mexico), R. T. Roig Herbarium at Santiago de las Vegas (Cuba), Ruiz Leal Herbarium at Godoy Cruz (Argentina), and the Britton Herbarium at the New York Botanical Garden in New York City. This wealth of material has brought to light 81 new county or parish records, 186 new state, province, or department records, and 175 new country or island records, as well as the necessity for making certain emendations in previous records and certain nomenclatural changes hereinafter noted.

UNITED STATES OF AMERICA:

Vermont:

Verbena hastata L. (East Caledonia County)

New York:

Verbena hastata L. (Schenectady & Schoharie Counties)

Verbena urticifolia var. leiocarpa Perry & Fernald (Tompkins County)

Pennsylvania:

~~x~~Verbena Engelmannii Moldenke (Allegheny County)

Virginia:

Verbena urticifolia L. (Bedford County)

Georgia:

Verbena rigida Spreng. (Bibb County)

Florida:

Avicennia nitida Jacq. (Martin County)

Lantana montevidensis (Spreng.) Briq. (Pasco County)

Phyla nodiflora var. reptans (H.B.K.) Moldenke (Collier County)

Stylodon carneus (Medic.) Moldenke (Bradford, Calhoun, Jefferson, Palm Beach, & Seminole Counties)

Verbena tenuisecta Briq. (Franklin County)

Ohio:

Phyla lanceolata (Michx.) Greene (Butler County)

Verbena bracteata Lag. & Rodr. (Butler, Lake, & Richland Counties)

xVerbena Engelmannii Moldenke (Lorain & Lucas Counties)

Verbena hastata L. (Columbiana, Lake, Licking, & Lucas Counties)

Verbena simplex Lehm. (Lorain County)

Verbena stricta Vent. (Butler & Lake Counties)

Verbena urticifolia L. (Erie, Lake, Licking, Lucas, & Sheffield Counties)

Illinois:

Verbena bracteata Lag. & Rodr. (La Salle County)

Kentucky:

Verbena simplex Lehm. (Madison County)

Tennessee:

Verbena bracteata Lag. & Rodr. (Humphreys County)

Verbena simplex Lehm. (Humphreys County)

Wisconsin:

Verbena bracteata Lag. & Rodr. (Pepin County)

Verbena stricta Vent. (Rock County)

Minnesota:

Verbena bracteata Lag. & Rodr. (Goodhue County)

Verbena hastata L. (Anoka, Girard, Nicollet, & Polk Counties)

Verbena stricta f. albiflora Wadmond (Hennepin County)

South Dakota:

Phyla cuneifolia (Torr.) Greene (Brule County)

Verbena bipinnatifida Nutt. (Brule County)

Verbena bracteata Lag. & Rodr. (Brule County)

Kansas:

Phyla incisa Small (Stafford County)

Verbena bipinnatifida Nutt. (Wabaunsee County)

Verbena urticifolia var. leiocarpa Perry & Fernald (Riley County)

Missouri:

Callicarpa americana L. should be deleted; the record was erroneous

xVerbena moehina Moldenke (Jackson County)

Arkansas:

xVerbena Rydbergii Moldenke (Benton County)

Verbena simplex Lehm. (Benton County)

Verbena stricta Vent. (Benton County)

Verbena urticifolia L. (Benton County)

Louisiana:

Stylocdon carneus (Medic.) Moldenke (Orleans Parish)

Wyoming:

Verbena bracteata Lag. & Rodr. (Park & Platte Counties)

Utah:

Verbena stricta Vent. (Utah County)

Nebraska:

Verbena bipinnatifida Nutt. (Sherman County)

Verbena bracteata Lag. & Rodr. (Cass County)

Verbena urticifolia L. (Nemaha County)

Oklahoma:

Phyla cuneifolia (Torr.) Greene (Kingfisher County)

Phyla nodiflora (L.) Greene (Creek County)

Verbena canadensis (L.) Britton (Kingfisher County)

Verbena Halei Small (Bryan County)

Texas:

Aloysia lycioides var. Schulzae (Standl.) Moldenke -- this is the correct orthography of this trinomial; add Bee County

Aloysia macrostachya (Torr.) Moldenke (Bexar County)

Phyla incisa Small (Hays County)

Verbena Cloverae Moldenke -- this is the correct orthography of this binomial

Verbena Halei Small (Robertson County)

Verbena plicata Greene (Jim Hogg & Wilson Counties)

Verbena pumila Rydb. (Maverick County)

Verbena quadrangulata Heller (Jim Hogg County)

New Mexico:

Verbena Gooddingii Briq. (DeBaca County)

Verbena Wrightii A. Gray (Eddy County)

Arizona:

Aloysia lycioides var. Schulzae (Standl.) Moldenke -- this is the correct orthography for this trinomial

Verbena pinetorum Moldenke (Cochise County)

Washington:

Verbena hastata L. -- delete Hood River & Wasco Counties for these were recorded by a printer's error

Oregon:

Verbena hastata L. (Hood River & Wasco Counties)

MEXICO:

Aloysia lycioides var. Schulzae (Standl.) Moldenke -- this is the correct orthography for this trinomial -- add Durango

Lippia durangensis Moldenke (Sinaloa & Zacatecas)

Verbena ambrosifolia Rydb. (Sonora)

Verbena ciliata Benth. (Morelos)

Verbena elegans H.B.K. (Sinaloa)

Verbena Goodingii Briq. (San Luis Potosí)

Verbena Russellii Moldenke (Chihuahua & Sonora)

GUATEMALA:

Aegiphila hoffmannioides Standl. & Steyerl. (Huehuetenango)*

Clerodendrum mimicum Standl. & Steyerl. (Huehuetenango)*

Clerodendrum pithecobium Standl. & Steyerl. -- delete the asterisk because the species is now known from Panama

PANAMA:

Citharexylum Cooperi Standl. (Chiriqui)

Clerodendrum pithecobium Standl. & Steyerl. (Coclé)

Clerodendrum Pittieri Moldenke (Panamá)

Cornutia grandifolia (Schlecht. & Cham.) Schau. (Coclé)

Lantana glandulosissima Hayek (Darien)

Lantana velutina Mart. & Gal. (Chiriqui & Panamá)

CUBA:

Bouchea prismatica (L.) Kuntze (Oriente)

Tectona grandis L. f. (Oriente)

JAMAICA:

Phyla nodiflora var. reptans (H.B.K.) Moldenke

COLOMBIA:

Bouchea prismatica var. brevirostra Grenz. (Santander)

Citharexylum Ulei Moldenke (Putumayo)

Duranta Mutisii L. f. (Valle del Cauca)

Lantana armata Schau. (Cauca)

Lantana boyacana Moldenke (Antioquia)

Lantana oujabensis Schau. (Vaupés)

Lantana oujabensis var. punctata Moldenke (Cauca & Cundinamarca)

Lantana trifolia L. (Norte de Santander)

Lantana trifolia f. hirsuta Moldenke (Valle del Cauca)

Lippia alba (Mill.) N. & Br. (Atlántico)

Lippia micromera Schau. (Norte de Santander)

Lippia origanoides H.B.K. (Norte de Santander)

Petrea peruviana Moldenke (Vaupés)

Phyla betulaeifolia (H.B.K.) Greene (Antioquia)

Stachytarpheta cayennensis (L. C. Rich.) Vahl (Cauca)

Verbena litoralis H.B.K. (Vaupés)

Verbena litoralis var. albiflora Moldenke (Chocó)

VENEZUELA:

Aegiphila ternifolia (H.B.K.) Moldenke (Miranda)

Clerodendrum ternifolium H.B.K. (Bolívar, Falcón, Sucre)

Lantana trifolia f. hirsuta Moldenke (Cojedes & Federal District)

Stachytarpheta roraimensis var. pubescens Moldenke (Bolívar)*

PERU:

Lantana armata Schau. (Lima)

Petrea peruviana Moldenke -- delete the asterisk, for the

species is now known also from Colombia

BRAZIL:

- Aegiphila chrysantha Hayek (Amazonas)
Aegiphila Froesi Moldenke (Amazonas)*
Aloysia brasiliensis Moldenke (Paraná)*
Aloysia Sellowii (Briq.) Moldenke (Santa Catharina)
Citharexylum solanaceum Cham. (Santa Catharina)
Citharexylum Ulei Moldenke -- delete the asterisk, for the
 species is now known also from Colombia
Clerodendrum calamitosum L. (Pará)
Lantana aristata var. Hoehnei Moldenke (Mattogrosso)*
Lantana cordatibracteata Moldenke (Rio de Janeiro)*
Lantana montevidensis f. albiflora Moldenke -- delete the
 asterisk, for the form is now known also from Argentina
Stachytarpheta Maximiliani var. glabrata Schau. (Pernambuco)
Verbena alata Cham. (Rio Grande do Sul & Santa Catharina)
Verbena jordanensis Moldenke (Rio Grande do Sul)
Verbena lobata var. glabrata Moldenke (Rio Grande do Sul)*

BOLIVIA:

- Acantholippia hastulata Griseb. (Potosi)
Junellia longidentata Moldenke (Potosi)
Lantana canescens H.B.K. (Potosi)
Lantana micrantha Briq. (Potosi)
Verbena calliantha Briq. (Santa Cruz)
Verbena glutinosa Kuntze (Santa Cruz)

PARAGUAY:

- Aloysia oasadenis Hassler & Moldenke*
Lantana aristata var. brachypoda Briq.*
Lantana fucata f. albiflora Moldenke
Phyla nodiflora var. reptans (H.B.K.) Moldenke
Stachytarpheta elatior Schrad.
Verbena Kuntzeana Moldenke -- delete the asterisk, for the
 species is now known also from Argentina
Verbena pinnatiloba (Kuntze) Moldenke -- delete the asterisk,
 for the species is now known also from Argentina

URUGUAY:

- Aloysia lycioides var. revoluta Moldenke*

CHILE:

- Diostea cinerascens (Schau.) Moldenke (Santiago)
Junellia asparagoides (Gill. & Hook.) Moldenke -- delete
 the asterisk, for the species is now known from Argentina
Junellia caespitosa (Gill. & Hook.) Moldenke -- delete the
 asterisk, for the species is now known from Argentina
Junellia oomatibracteata (Kuntze) Moldenke (Tarapacá)
Junellia spatulata (Gill. & Hook.) Moldenke (O'Higgins)

ARGENTINA:

- Acantholippia deserticola (R. A. Phil.) Moldenke -- delete
 La Rioja
Acantholippia hastulata Griseb. -- delete Catamarca, Los

- Andes, and Salta for these records were based on misidentifications; also delete the asterisk, for the species is now known also from Bolivia
- Acantholippia riojana Hieron. & Moldenke (La Rioja)*
- Citharexylum Jørgensenii (Lillo) Moldenke (Catamarca)
- Junellia Ameghinoi (Speg.) Moldenke (Chubut)
- Junellia asparagoides (Gill. & Hook.) Moldenke (La Rioja & Mendoza)
- Junellia caespitosa (Gill. & Hook.) Moldenke (Mendoza)
- Junellia connatibracteata (Kuntze) Moldenke (Chubut) -- delete the asterisk, for the species is now known from Chile
- Junellia longidentata Moldenke -- delete the asterisk, for the species is now known also from Bolivia
- Junellia punctulata Hieron. & Moldenke (La Rioja)*
- Junellia seriphioides var. tomentosa Moldenke -- to be deleted
- Lampaya Hieronymi Schum. & Moldenke (Catamarca)
- Lantana aristata var. angustifolia (Kuntze) Moldenke (Jujuy)
- Lantana Canara var. aculeata (L.) Moldenke (Misiones)
- Lantana fucata f. albiflora Moldenke (Jujuy) -- delete the asterisk, for the form is now known also from Paraguay
- Lantana Grisebachii Stuck. (Tucumán)
- Lantana montevidensis (Spreng.) Briq. (Chaco)
- Lantana montevidensis f. albiflora Moldenke (Chaco)
- Phyla nodiflora var. canescens (H.B.K.) Moldenke (Chaco & Tucumán)
- Stachytarpheta australis f. albiflora Moldenke (Jujuy, Misiones, & Salta)
- Stachytarpheta cayennensis (L. C. Rich.) Vahl (Chaco)
- Verbena aristigera S. Moore (Formosa)
- Verbena bonariensis L. (Entre Ríos, Formosa, & San Juan)
- Verbena bonariensis f. albiflora Moldenke (Entre Ríos)*
- Verbena Cabrerae Moldenke (Catamarca & Santiago del Estero)
- Verbena calliantha Briq. (Catamarca)
- Verbena brasiliensis Vell. (Entre Ríos, San Juan, & Santiago del Estero)
- Verbena bonariensis var. conglomerata Briq. (Entre Ríos & Misiones)
- Verbena Cheitmaniana Moldenke (Formosa)
- Verbena dissecta Willd. (Formosa & Mendoza)
- Verbena glandulifera Moldenke (San Luis)
- Verbena glutinosa Kuntze -- delete the asterisk, for the species is now known also from Bolivia
- Verbena gracilescens (Cham.) Herter (Formosa, La Rioja, San Juan, & San Luis)
- Verbena incisa Hook. (Buenos Aires, Entre Ríos, Jujuy, & Misiones)
- Verbena intermedia Gill. & Hook. (Mendoza)
- Verbena intermedia var. lanuginosa Moldenke (Mendoza)*

- Verbena Isabellei Briq. (Buenos Aires)
Verbena Kuntzeana Moldenke (Salta)
Verbena laciniata (L.) Briq. (Mendoza & Salta)
Verbena litoralis H.B.K. (Chaco & Formosa)
Verbena nana Moldenke (Formosa)*
Verbena peruviana (L.) Britton (Misiones)
Verbena phlogiflora Cham. (Formosa)
Verbena pinnatiloba (Kuntze) Moldenke (Corrientes & Misiones)
Verbena pogostoma Klotzsch (San Juan & Santa Fé)
Verbena pulchra Moldenke (Misiones)
Verbena rigida Spreng. (Entre Ríos)

ST. HELENA:

- Verbena bonariensis L.

CANARY ISLANDS:

- Verbena officinalis L. (Tenerife)

PORTUGAL:

- Verbena officinalis L.

POLAND:

- Verbena supina L.

CYPRUS:

- Lantana Camara var. mista (L.) L. H. Bailey

JUGOSLAVIA:

- Verbena officinalis L. (Montenegro)

RUMANIA:

- Verbena officinalis L.

TUNISIA:

- Verbena officinalis L.

- Verbena supina f. erecta Moldenke

EGYPT:

- Premna resinosa (Hochst.) Schau.

FRENCH WEST AFRICA:

- Lippia Chevalierii Moldenke (Senegambia)

ANGLO-EGYPTIAN SUDAN:

- Lantana viburnoides (Forsk.) Vahl (Nubia)

- Lantana viburnoides var. velutina Moldenke (Mongalla)

- Lippia grandifolia Hochst. (Mongalla)

ERITREA:

- Lippia kisi A. Rich.

ABYSSINIA:

- Lippia kisi A. Rich.

BRITISH SOMALILAND:

- Lantana viburnoides (Forsk.) Vahl

- Lippia carviadora var. minor Meikle

SENEGAL:

- Lippia Chevalierii Moldenke

SIERRA LEONE:

- Lippia rugosa A. Chev.

DAHOMEY:

Lippia rugosa A. Chev.

SOUTHERN NIGERIA:

Lippia rugosa A. Chev.

CAMEROONS:

Lantana viburnoides var. velutina Moldenke

Premna quadrifolia Schum. & Thonn.

Vitex lokundjensis Pieper -- delete the asterisk, for the species is now known from Southern Rhodesia

FRENCH EQUATORIAL AFRICA:

Premna angolensis Gürke (Gabun)

BELGIAN CONGO:

Lippia adoënsis Hochst.

UGANDA PROTECTORATE:

Lippia adoënsis Hochst.

TANGANYIKA TERRITORY:

Lantana rugosa Thunb.

Lantana viburnoides var. Schimperi Moldenke

Lantana viburnoides var. velutina Moldenke

Lippia lupuliformis Moldenke

Lippia plicata J. G. Baker

Premna senensis Klotzsch

KENYA:

Lantana rugosa Thunb.

Lippia africana var. villosa Moldenke

Lippia carviadora Meikle*

Lippia carviadora var. minor Meikle

Lippia lupuliformis Moldenke

Stachytarpheta urticaefolia (Salisb.) Sims

ANGOLA:

Lantana Dinteri Moldenke (Huilla)

Lippia Oatesii Rolfe

Lippia Pearsoni Moldenke (Huilla)*

Premna angolensis Gürke -- delete the asterisk, for the species is now known also from Gabun.

NORTHERN RHODESIA:

Clerodendrum Buchneri Gürke

Clerodendrum tanganyikense J. G. Baker

Clerodendrum Wildii Moldenke

Lantana rugosa Thunb.

Lippia africana var. villosa Moldenke.

Lippia plicata J. G. Baker -- delete the asterisk, for the species is now known also from Tanganyika Territory

SOUTHERN RHODESIA:

Clerodendrum discolor var. oppositifolium Thomas

Clerodendrum glabrum var. ovale (Klotzsch) H.H.W.Pearson

Clerodendrum pusillum Gürke

Clerodendrum Wildii Moldenke

Duranta repens L.

Holmskioldia mucronata (Klotzsch) Vatke

Lantana Camara var. aculeata (L.) Moldenke

Lippia javanica (Burm. f.) Spreng.

Lippia Oatesii Rolfe -- delete the asterisk, for the species is now known also from Angola

Lippia Whytei Moldenke

Phyla nodiflora (L.) Greene

Verbena bonariensis L.

Verbena officinalis L.

Vitex lokundjensis Pieper

Vitex mombassae var. parviflora (Gibbs) Pieper -- this is the correct orthography for this trinomial

BRITISH NYASALAND PROTECTORATE:

Clerodendrum Wildii Moldenke

Lippia africana var. scaberrima Moldenke

Lippia javanica (Burm. f.) Spreng.

PORUGUESE EAST AFRICA:

Holmskioldia mucronata (Klotzsch) Vatke -- delete the asterisk for the species is now known from Southern Rhodesia

SOUTHWEST AFRICA:

Lantana Dinteri Moldenke -- delete the asterisk for the species is now known also from Angola

SWAZILAND:

Vitex Wilmsii var. reflexa (H.H.W.Pearson) Pieper

UNION OF SOUTH AFRICA:

Clerodendrum glabrum var. ovale (Klotzsch) H.H.W.Pearson -- delete the asterisk for the variety is now known also from Southern Rhodesia

Lippia lupuliformis Moldenke -- delete the asterisk for the species is now known also from Kenya

MADAGASCAR:

Stachytarpheta jamaicensis (L.) Vahl

UNION OF SOCIALIST SOVIET REPUBLICS:

Verbena supina f. erecta Moldenke (Azerbaijan)

ISRAEL:

Verbena tenuisecta Briq.

INDIA:

Callicarpa arborea Roxb. (United Provinces)

Callicarpa candicans (Burm. f.) Hochr. (Bengal)

Callicarpa dichotoma (Lour.) K. Koch

Callicarpa tomentosa (L.) Murr. (Madras)

Geunsia pentandra (Roxb.) Merr.

Premna cordifolia Roxb. (Bombay)

Premna corymbosa var. obtusifolia (R. Br.) Fletcher (Travancore)

Premna micrantha Schau. (Bombay)

Premna racemosa Wall. (Assam & Bengal)

Stachytarpheta mutabilis (Jacq.) Vahl (Sikkim)

PAKISTAN:

Callicarpa arborea Roxb. (East Bengal)
Callicarpa macrophylla Vahl (East Bengal)
Verbena supina L. (Sind)

BURMA:

Verbena officinalis L. (Southern Shan States)

CEYLON:

Tectona grandis L. f.

CHINA:

Callicarpa candicans (Burm. f.) Hochr. (Kiangsi)
Callicarpa Lingii Merr. (Kiangsi)
Callicarpa longipes Dunn (Kiangsi)
Callicarpa Loureiri Hook. & Arn. (Kiangsi)
Callicarpa integerrima Champ. (Kiangsi)
Callicarpa rubella Lindl. (Kweichow)
Callicarpa Tsiangii Moldenke (Kiangsi)*
Premna interrupta Wall. (Kwangsi)
Premna puberula Pampanini (Kwangsi)
Premna szemaoensis P'ei (Kwangsi)

TSU-SIMA ISLAND:

Callicarpa mollis Sieb. & Zucc.

FORMOSA:

Callicarpa pilosissima var. Henryi Yamamoto*
Premna foetida Reinw.

JAPAN:

Callicarpa dichotoma (Lour.) K. Koch (Kjushiu)
Callicarpa japonica Thunb. (Musashi)
Callicarpa japonica var. luxurians Rehd. (Enoshima & Hokkaido)
Callicarpa mollis Sieb. & Zucc. (Musashi)

LANTAU ISLAND:

Callicarpa Loureiri Hook. & Arn.
Callicarpa nudiflora Hook. & Arn.

FRENCH INDO-CHINA:

Callicarpa candicans (Burm. f.) Hochr. (Laos)
Clerodendrum cochinchinense Dop (Annam)
Clerodendrum Godefroyi var. lanceolatum Dop -- to be deleted
Clerodendrum Godefroyi var. oblanceolatum Dop (Cambodia)*
Clerodendrum japonicum (Thunb.) Sweet (Tonkin)
Hymenopyramis siamensis Craib (Cambodia)
Phyla nodiflora (L.) Greene (Tonkin)
Premna foetida Reinw. (Cambodia)
Vitex pinnata L. (Cochin-china)
Vitex Hollrungii Warb. (Cochin-china)
Vitex Pierreana Dop (Cochin-china)
Vitex pinnata var. alata Moldenke (Annam)*

FEDERATED MALAY STATES:

Premna steroulifolia var. cordata King & Gamble -- delete
the asterisk, for the variety is now known also from

Celebes

PHILIPPINE ISLANDS:

Stachytarpheta urticaefolia (Salisb.) Sims (Cebu)

MARIANNA ISLANDS:

Callicarpa elegans Hayek (Rota)

CAROLINE ISLANDS:

Callicarpa candicans (Burm. f.) Hochr. (Angaur)

Clerodendrum ineme (L.) Gaertn. (Angaur & Pingelap)

Premna corymbosa var. obtusifolia (R. Br.) Fletcher (Kusaie & Pingelap)

MARSHALL ISLANDS:

Clerodendrum ineme (L.) Gaertn. (Bikini, Eniaetok, Mellu, & Namu)

SUMATRA:

Callicarpa brevipes (Benth.) Hance

Premna pyramidata Wall.

Premna trichostoma Miq.

JAVA:

Stachytarpheta bogoriensis Zoll. & Mor. -- to be deleted

Stachytarpheta jamaicensis (L.) Vahl

LABUAN:

Premna corymbosa var. obtusifolia (R. Br.) Fletcher

CELEBES:

Callicarpa pilosissima Maxim.

Premna corymbosa var. angustior (C. B. Clarke) Fletcher

Premna Gaudichaudii Schau.

Premna sterculifolia var. cordata King & Gamble

Premna trichostoma Miq.

SOLOMON ISLANDS:

Geunsia farinosa Blume (Bougainville)

NEW CALEDONIA:

Stachytarpheta australis var. neocaledonica Moldenke*

FIJI ISLANDS:

Premna Gaudichaudii Schau. (Fulanga, Kambara, & Kandavu)

AUSTRALIA:

Callicarpa cana L. -- to be deleted

Callicarpa candicans (Burm. f.) Hochr. (Queensland)

Verbena litoralis H.B.K. (New South Wales)

Verbena rigida Spreng. (Victoria)

CULTIVATED:

Aloysia lycioides var. paraguariensis (Briq.) Moldenke
(Paraguay & Uruguay)

Aloysia oblanceolata Moldenke (Paraguay)*

Aloysia triphylla (L'Hér.) Britton (Ohio)

Citharexylum fruticosum var. subvillosum Moldenke (Cuba)

Citharexylum spinosum L. (Southern Rhodesia)

Clerodendrum somalense Chiov. (Aden)

Duranta repens L. (Uruguay)

Lantana fucata Lindl. (Uruguay)

- Lantana glandulosissima Hayek (Italy)
Lippia hirsuta L. f. (Colombia)
Phyla nodiflora (L.) Greene (Egypt)
Premna microphylla Turcz. (Japan)
Tectona grandis L. f. (French Indo-china)
Verbena bracteata Lag. & Rodr. (Germany)
Verbena bonariensis L. (Canary Islands & Sweden)
Verbena elegans H.B.K. (Sweden)
Verbena elegans var. asperata Perry (Sweden)
Verbena hastata L. (Austria & Netherlands)
~~Verbena hybrida~~ Voss (Finland, Madeira, & Ohio)
Verbena mendocina R. A. Phil. (Sweden)
Verbena platensis Spreng. (Uruguay)
Verbena robusta Greene (Sweden)
Verbena simplex Lehm. (Sweden)
Verbena stricta Vent. (Denmark & Sweden)
Vitex divaricata Sw. (Scotland)

THE KNOWN GEOGRAPHIC DISTRIBUTION OF THE MEMBERS OF THE
ERIOCAULACEAE. SUPPLEMENT 5

Harold N. Moldenke

Since the preparation of the previous supplement to this list another eight hundred specimens of this group have been examined and annotated from the herbaria at the Naturhistoriska Riksmuseum at Stockholm, the Royal Botanic Gardens at Kew, the University of Georgia at Athens, the Facultad Nacional de Agronomia at Medellin, the Museo Comercial at Caracas, the Instituto Botanico della University at Florence (Italy), Oberlin College at Oberlin (Ohio), the University of Massachusetts at Amherst, and the Colegio Notra Señora de la Caridad at Santiago de Cuba, as well as the Government Herbarium at Salisbury (Southern Rhodesia), the Britton Herbarium at the New York Botanical Garden, the C. C. Deam Herbarium at Bluffton (Indiana), and the Fritz Lemperg Herbarium at Hatzendorf (Austria). This material has brought to light 10 new county or parish records, 27 new state, province, or department records, and 112 new country or island records, as well as certain necessary corrections of previously published records. There are also 99 additional names to be added to the alphabetized list of scientific names proposed in this group as published by me as a supplement to my original list.

UNITED STATES OF AMERICA:

Vermont: